

NDUFAF2 Antibody - N-terminal region
Rabbit Polyclonal Antibody
Catalog # AI15288**Specification**

NDUFAF2 Antibody - N-terminal region - Product Information

Application	WB
Primary Accession	Q8N183
Other Accession	NM_174889 , NP_777549
Reactivity	Human, Mouse, Rabbit, Horse, Bovine, Dog
Predicted	Human, Mouse, Rabbit, Horse, Bovine, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	20kDa KDa

NDUFAF2 Antibody - N-terminal region - Additional Information**Gene ID** 91942**Alias Symbol** B17.2L, FLJ22398, MMTN, NDUFA12L, mimitin**Other Names**

Mimitin, mitochondrial, B17.2-like, B17.2L, Myc-induced mitochondrial protein, MMTN, NADH dehydrogenase [ubiquinone] 1 alpha subcomplex assembly factor 2, NDUFA12-like protein, NDUFAF2, NDUFA12L

Format

Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.

Reconstitution & Storage

Add 50 ul of distilled water. Final anti-NDUFAF2 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.

Precautions

NDUFAF2 Antibody - N-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

NDUFAF2 Antibody - N-terminal region - Protein Information**Name** NDUFAF2**Synonyms** NDUFA12L**Function**

Acts as a molecular chaperone for mitochondrial complex I assembly (PubMed:16200211, PubMed:19384974). Complex I functions in the transfer of electrons from NADH to the respiratory chain. The immediate electron

acceptor for the enzyme is believed to be ubiquinone (PubMed:16200211, PubMed:27626371). Is involved in the initial steps of cilia formation, including removal of CP110 from the mother centrioles, docking of membrane vesicles to the mother centrioles, and establishment of the transition zone (PubMed:38949024).

Cellular Location

Mitochondrion.

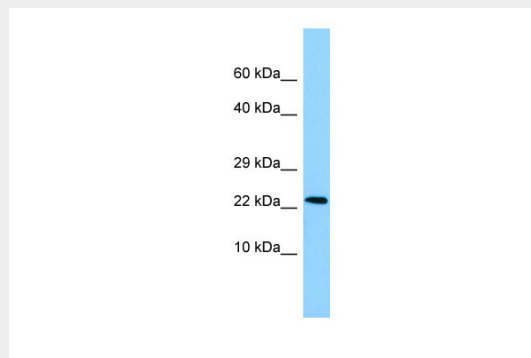
Tissue Location

Highly expressed in ESCC cells. Also expressed in heart, skeletal muscle, liver, and in fibroblasts

NDUFAF2 Antibody - N-terminal region - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

NDUFAF2 Antibody - N-terminal region - Images

WB Suggested Anti-NDUFAF2 Antibody Titration: 1.0 µg/ml

Positive Control: MCF7 Whole Cell

NDUFAF2 Antibody - N-terminal region - References

- Tsuneoka M., et al. J. Biol. Chem. 280:19977-19985(2005).
Ota T., et al. Nat. Genet. 36:40-45(2004).
Mural R.J., et al. Submitted (JUL-2005) to the EMBL/GenBank/DDBJ databases.
Ogilvie I., et al. J. Clin. Invest. 115:2784-2792(2005).
Burkard T.R., et al. BMC Syst. Biol. 5:17-17(2011).